third millennium
advanced access control readers

elite RX3

Product Features

The Elite series **RX300** advanced access control reader features an integral keypad and is designed for surface mounting to most plain wall finishes, and also fits onto a US, UK or EU electrical backbox.

This powerfully secure and innovative reader has a beautifully clean aesthetic and features an RGB LED that can be applied to many applications, e.g. colour coded access levels, migration status or mood lighting.

The unit is moulded using tough polycarbonate/ABS plastic and includes a shadow line backplate, a subtle design feature that makes the reader appear to float on the wall.

reader technology · TM125 Prox Compatible

- UK design and manufacture
- High gloss finish in BLACK or WHITE
- Slim profile
- RGB LED
- Fully encapsulated electronics
- Wide range of output formats available
- 5 year limited warranty
- Read range up to 10cm (4 inches)

Interfacing

The reader supports a wide variety of output formats allowing it to be used in most access control and related applications, e.g. time and attendance, cashless vending etc.

The combination of an integral speaker, an RGB LED, three control inputs and a variety of LED/buzzer/external control options provide a flexible platform to give the right user interface configuration for your project.

Quality Design

Third Millennium has nearly 20 years of award-winning experience in the design and manufacture of RFID technology and the delivery of world class, state-of-the-art access control projects with our many global partners.
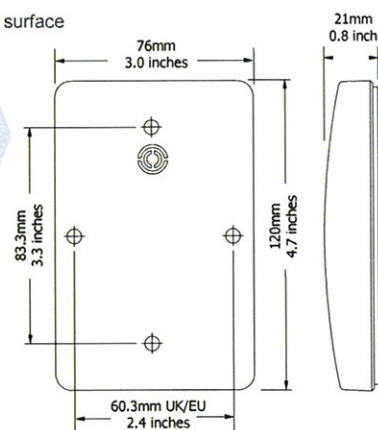
advanced access control reader

Specification

Mechanical

Dimensions:	120mm x 76mm x 21mm (4.2 x 3.0 x 0.8 inches)
Housing:	Moulded polycarbonate/ABS
Mounting:	Wall surface

76mm 3.0 inches
21mm 0.8 inch
83.3mm 3.3 inches
120mm 4.7 inches
60.3mm UK/EU 2.4 inches

Connection (screw terminal)

1	-	+Vdc	Supply voltage (+5Vdc to +16Vdc)
2	-	DATA1 / CLK	Wiegand or Clock/Data output
3	-	DATA0 / DAT	Wiegand or Clock/Data output
4	-	GREEN	Green LED control input
5	-	RED	Red LED control input
6	-	BUZZER	Buzzer control input
7	-	TMPR / CP	Tamper or Card Present output
8	-	0V	Supply voltage ground
9	-	TTL TX	TTL transmit line
10	-	TTL RX	TTL receive line

Environmental

Operating Temperature:	-20°C to +60°C
Humidity:	0 - 100% RHNC
Ingress Protection:	IP65

Electrical

Voltage: +5Vdc to +16Vdc

Current: 250mA typical

Data Voltage: Rest >4Vdc / Active <1Vdc

Data Output: Wiegand, Clock & Data, Custom Outputs

Indication: 1 RGB LED

Sounder: Integral speaker

clean, simple design

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